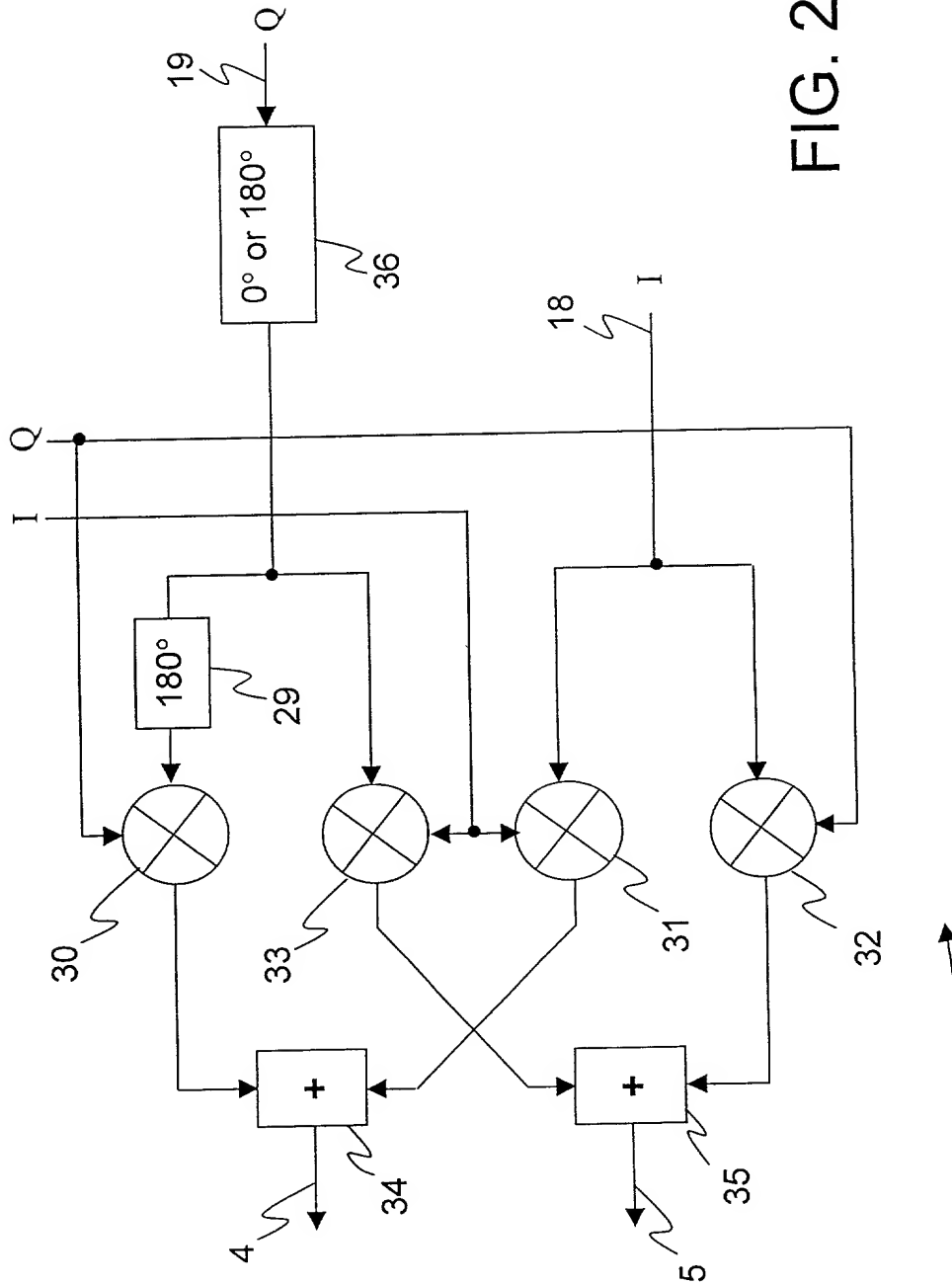


FIG. 1



Transceiver mode	VCO 27	Second switchable inverter 36	Output 4	Output 5	First switchable inverter 16
Transmit with positive deviation	forward	non-invert	$\cos (\omega_c + \omega_o)t$	not used	not used
Transmit with negative deviation	reverse	non-invert	$\cos (\omega_c - \omega_o)t$	not used	not used
Receive with high side LO injection	forward	non-invert	$\cos (\omega_c + \omega_o)t$	$\sin (\omega_c + \omega_o)t$	non-invert
Receive with low side LO injection	forward	invert	$\cos (\omega_c - \omega_o)t$	$\sin (\omega_c - \omega_o)t$	invert

FIG. 3

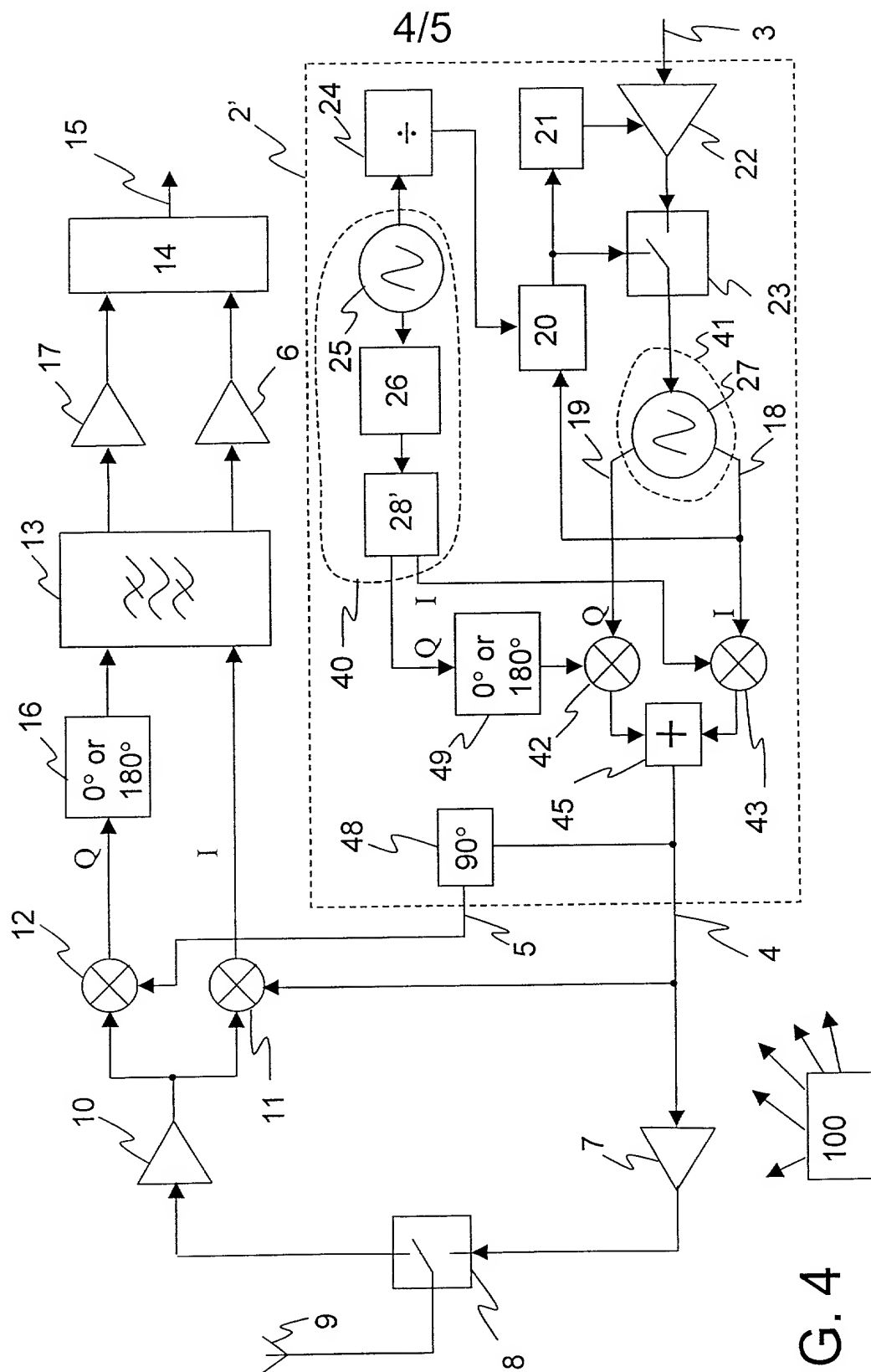


FIG. 4

